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TITLE: METHOD AND INSTALLATION FOR FABRICATING A STAMPED OBJECT MADE OF THERMOPLASTIC COMPOSITE MATERIAL

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INVENTOR-INFORMATION:

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ABSTRACT:

The invention relates to a method for fabricating a stamped object made of thermoplastic composite material wherein the material is heated to the stamping temperature and placed in one of the parts of a cold mould of a stamping press. According to the method, a filamentary composite material with long fibres is used; the filamentary composite material is preheated to the stamping temperature; the filamentary composite is then continuously introduced in the first part of the cold mould; the filamentary composite is cut when the first part of the mould is filled and the section comprised between the cut end and the outlet of a temperature regulation housing is immobilized while continuing feeding said housing; the composite contained in and arriving to said housing is stored therein till the feeding of the first mould part is resumed; and the running speeds of the filamentary composite are selected upstream and downstream of the regulation housing so that the length introduced in the first mould part is equal to the sum of lengths introduced in the housing during the mould feeding period and during the interruption of such feed.

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